#### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

# (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 13 January 2005 (13.01.2005)

PCT

# (10) International Publication Number WO 2005/003032 A1

(51) International Patent Classification<sup>7</sup>: A61K 9/14, 7/48

C01B 39/02,

(21) International Application Number:

PCT/GB2004/002905

(22) International Filing Date:

5 July 2004 (05.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0315540.5

3 July 2003 (03.07.2003) GB

0327222.6

22 November 2003 (22.11.2003) GB

- (71) Applicant (for all designated States except US): THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS [GB/GB]; College Gate, North Street, St Andrews KY16 9AJ (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MORRIS, Russell, Edward [GB/GB]; College Gate, North Street, St Andrews KY16 9AJ (GB). WHEATLEY, Paul, Stewart [GB/GB]; College Gate, North Street, St Andrews KY16 9AJ (GB). BUTLER, Anthony, Robert [GB/GB]; College Gate, North Street, St Andrews KY16 9AJ (GB).

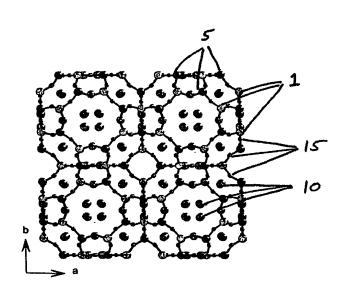
- (74) Agents: MACDOUGALL, Donald, Carmichael et al.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: ZEOLITES FOR DELIVERY OF NITRIC OXIDE



(57) Abstract: There is described zeolites containing releasably adsorbed nitric oxide, methods of preparing the zeolites, methods of releasing the nitric oxide into a solution or into air and uses of the zeolites in therapy.

### 

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.